

**FIG. 1**

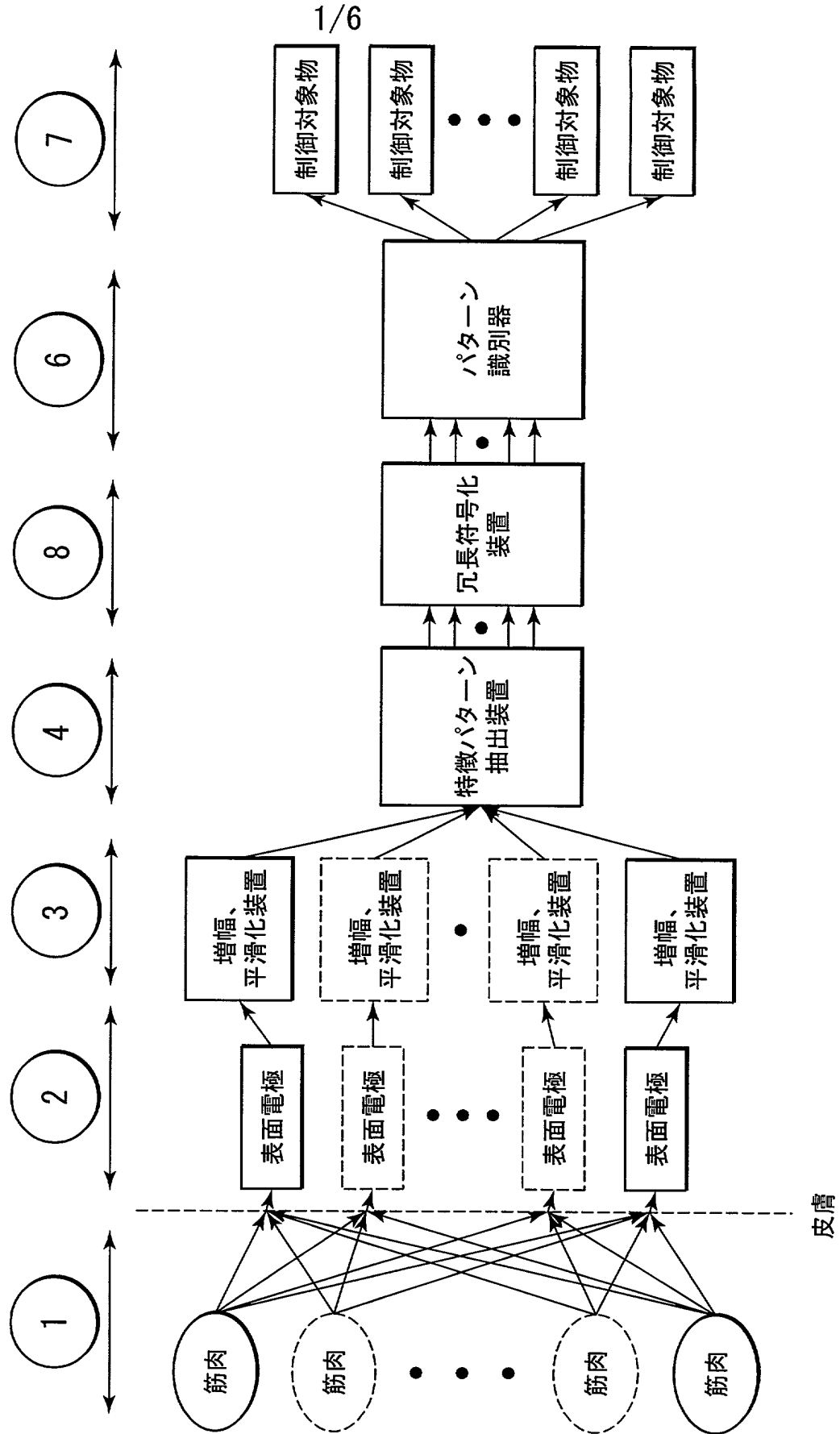
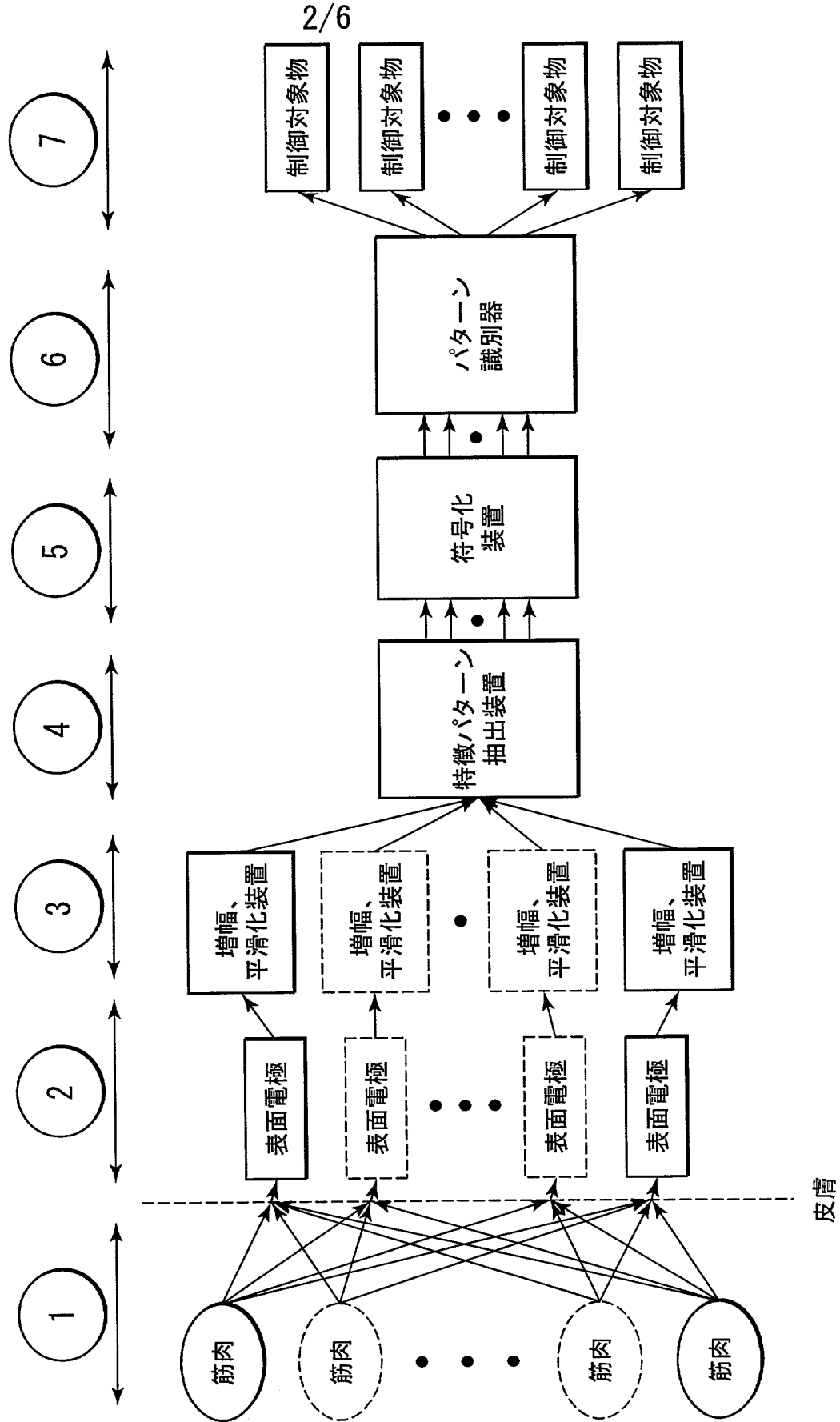
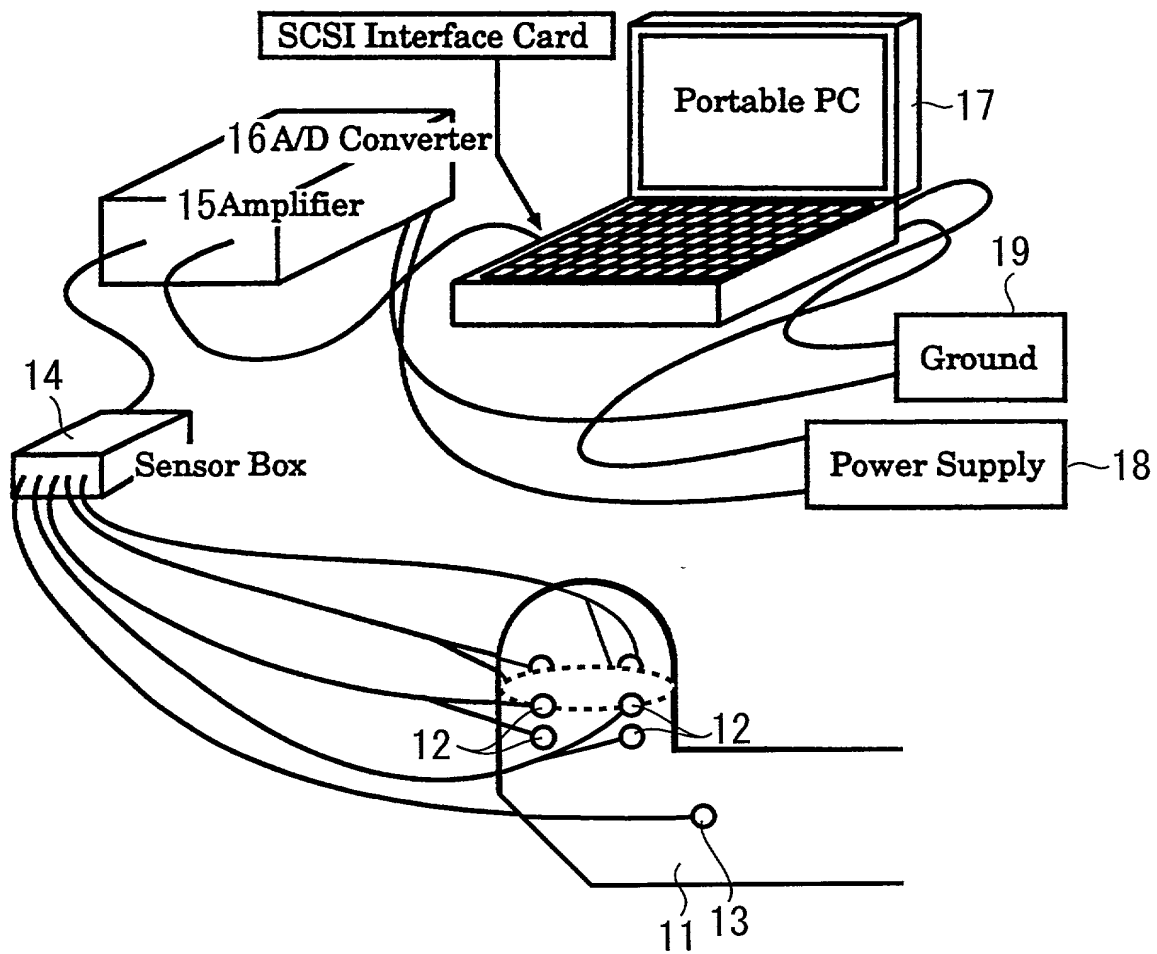


FIG. 2 (PRIOR ART)



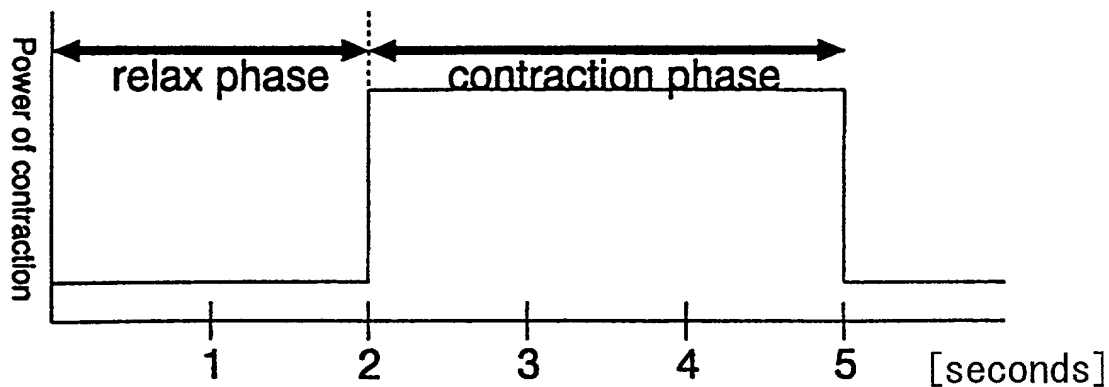
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FIG. 3



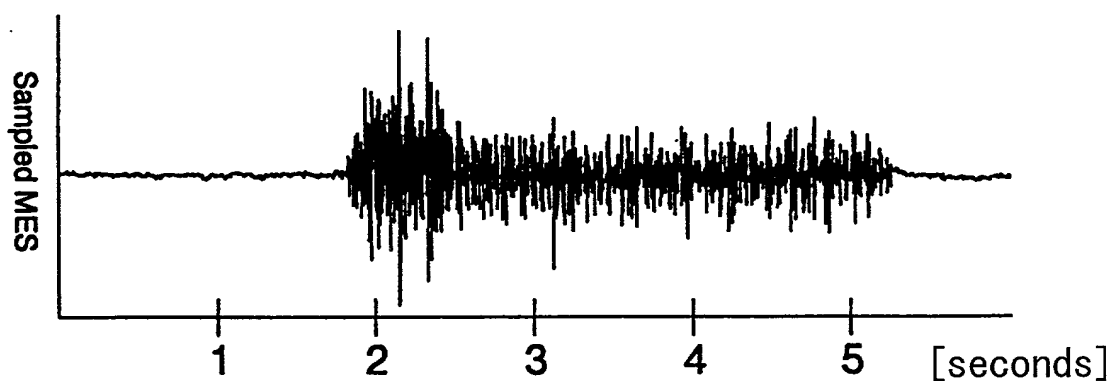
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FIG. 4(a)



The muscle contraction scheme

FIG. 4(b)



An example of sampled myoelectric signals

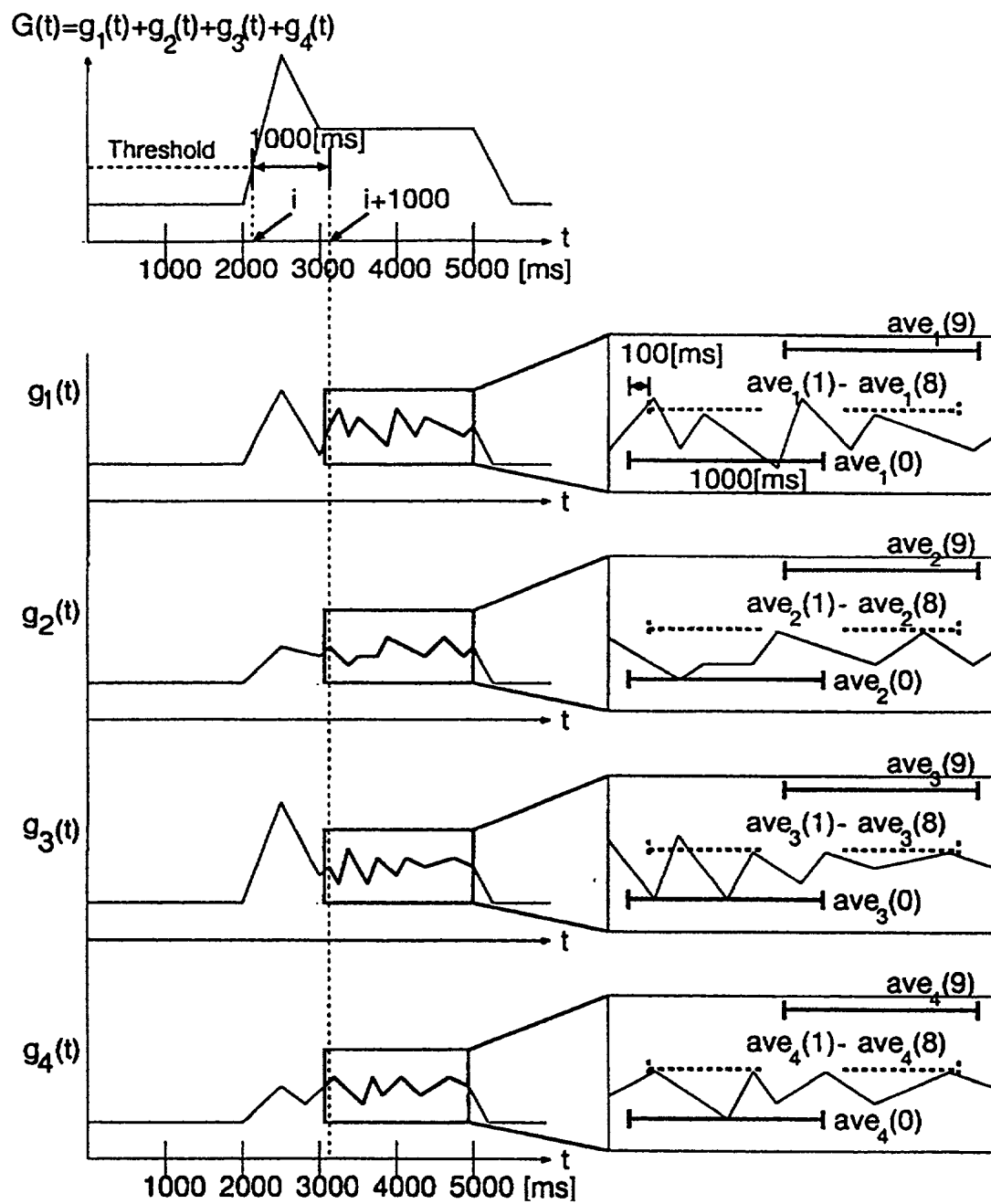
FIG. 4(c)



An example of the rectified myoelectric signals

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FIG. 5



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FIG. 6

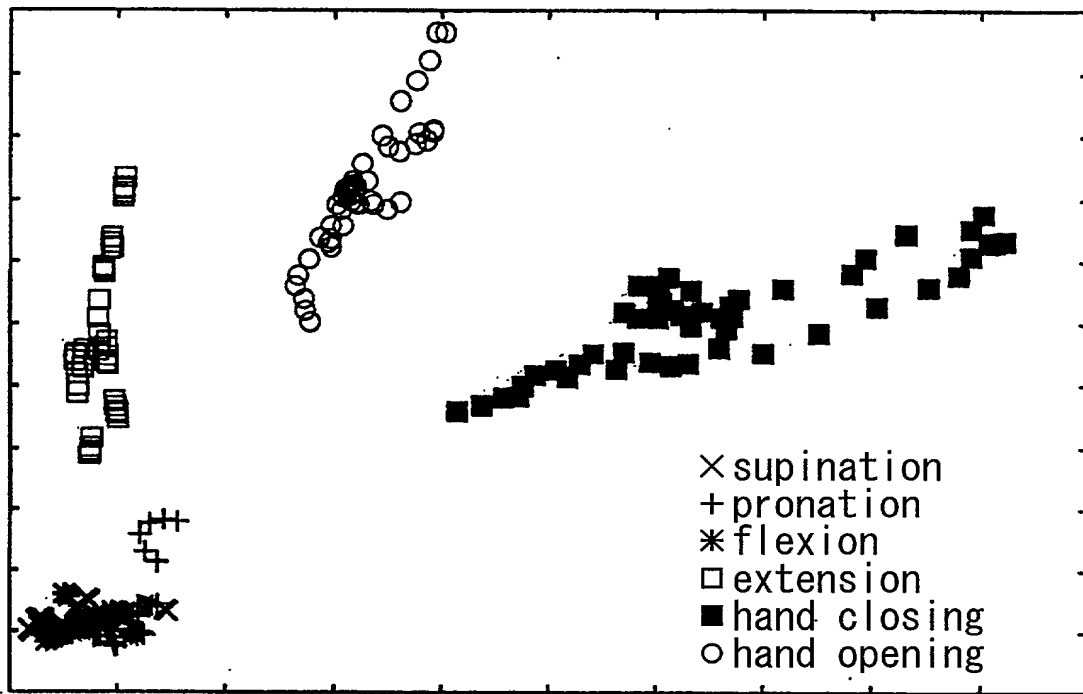
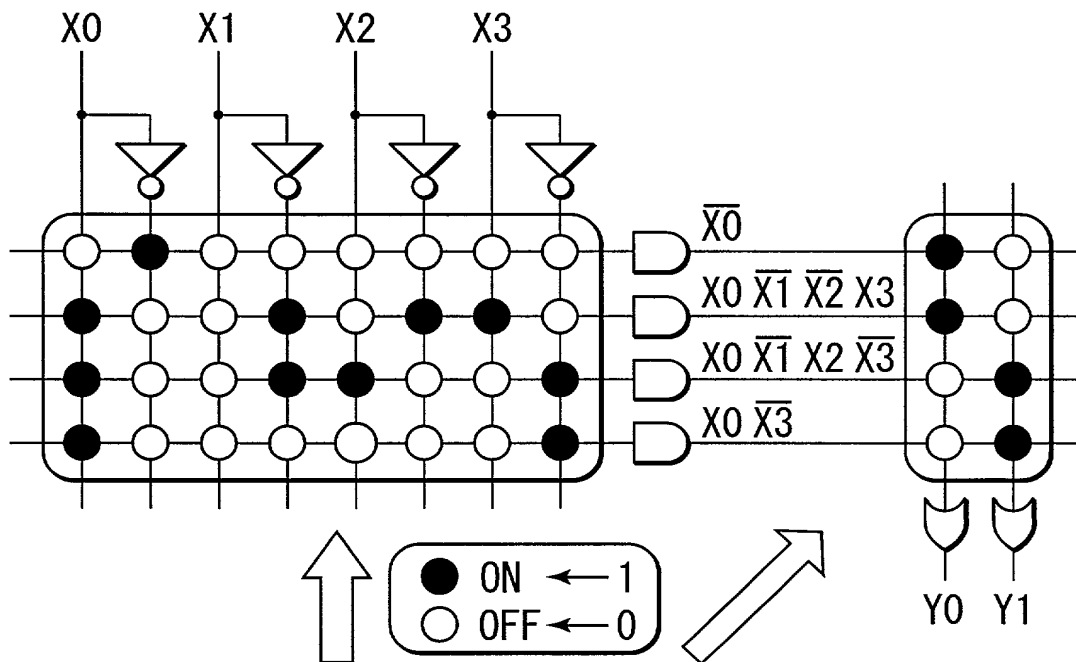


FIG. 7



Configuration Bit String

0100000001 1001011001 1001100110 1000000110

Chromosome